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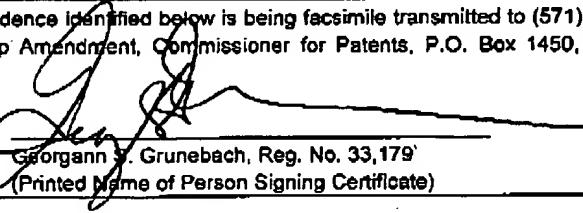
Attention:	MAIL STOP AMENDMENT Group Art Unit: 2623 Examiner: VU, Ngoc K.	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-7306
Pages:	Cover + 1 + 1 + 1 + 18 = 22	Date:	November 22, 2006
From:	Georgann S. Grunebach	Fax:	(310) 964-0941
	Assistant General Counsel	Phone:	(310) 964-4615

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**CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 22, 2006.

Telephone No. (310) 964-4615

  
 Georgann S. Grunebach, Reg. No. 33,179  
 (Printed Name of Person Signing Certificate)

 November 22, 2006  
 (Date of Signature)

Attention: Commissioner for Patents

Attorney Docket No. PD-200211

Please find attached Re:

Serial No.: 09/870,323

Filing Date: May 30, 2001

- TRANSMITTAL FORM PTO/SB/21 (1 page)
- FEE TRANSMITTAL FORM PTO/SB/17 (1 page in duplicate)
- RESPONSE TO OFFICE ACTION DATED AUGUST 24, 2006 (18 pages)

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If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

NOV 22 2006

PTO/SB/17 (07-05)

Approved for use through 01/31/2007. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL  
For FY 2006** Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,100)

**Complete if Known**

Application Number	09/870,323
Filing Date	May 30, 2001
First Named Inventor	Robert G. Arsenault
Examiner Name	VU, Ngoc K.
Art Unit	2623
Attorney Docket No.	PD-200211

**METHOD OF PAYMENT** (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 50-0383 Deposit Account Name: The DIRECTV Group, Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments  
under 37 CFR 1.16 and 1.17

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity Fee (\$)	Fee (\$)
108 - 20 or HP = 22	x \$50 = \$1,100			50	25

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=		360	180	

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer

listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		=

**4. OTHER FEE(S)**

Non-English Specification \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

Fees Paid (\$)

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 33,179	Telephone 310-984-4815
Name (Print/Type)	Georgann S. Brunebach		Date November 22, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NOV 22 2006

PTO/SB/21 (09-06)

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TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

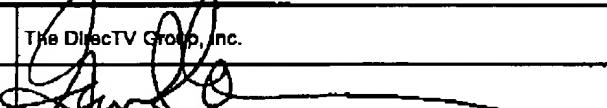
Total Number of Pages in This Submission

Application Number	09/870,323
Filing Date	May 30, 2001
First Named Inventor	Robert G. Arsenault
Art Unit	2623
Examiner Name	VU. Ngoc K.
Total Number of Pages in This Submission	19
Attorney Docket Number	PD-200211

## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
<b>Remarks</b>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	The DirecTV Group, Inc.		
Signature			
Printed name	Georgann S. Grunebach		
Date	November 22, 2006	Reg. No.	33,179

## CERTIFICATE OF TRANSMISSION/MAILING

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Signature

Typed or printed name

Georgann S. Grunebach

Date November 22, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NOV 22 2006

Customer No. 020991

Due Date: November 24, 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Robert G. Arsenault et al.	Examiner:	Vu, Ngoc K
Serial No.:	09/870,323	Group Art Unit:	2623
Filed:	May 30, 2001	Docket:	PD-200211
Title:	SIMULTANEOUS TUNING OF MULTIPLE SATELLITE FREQUENCIES		

## Certificate of Transmission under 37 CFR 1.8

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Date: November 22, 2006

Georgann S. Grunebach, Reg. No. 33,179

AMENDMENT UNDER 37 C.F.R. §1.111

MAIL STOP AMENDMENT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated August 24, 2006, please amend the above-identified application as follows.

11/27/2006 EFLORES 00000033 500383 09870323

01 FC:1202 1100.00 DA